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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

BAR-OR et al.

Serial No.: 09/820,416

Filed: March 29, 2001

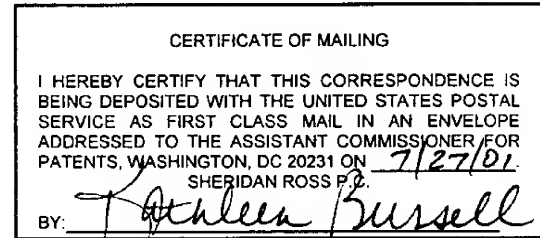
Atty. File No.: 4172-15-1

For: "MARKER USEFUL FOR  
DETECTION AND MEASUREMENT  
OF FREE RADICAL DAMAGE  
AND METHOD"

) Group Art Unit:

) Examiner:

) FILING OF POWER OF ATTORNEY



Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Enclosed for filing in this case is a Power of Attorney.

Respectfully submitted,

SHERIDAN ROSS P.C.

By: Wannell M. Crook  
Wannell M. Crook  
Registration No. 31,071  
1560 Broadway, Suite 1200  
Denver, CO 80202-5141  
(303) 863-9700

Date: July 27, 2001



## POWER OF ATTORNEY


On behalf of Ischemia Technologies, Inc., a Delaware corporation having a principal place of business at 4600 W. 60th Avenue, Arvada, Colorado 80003, being the assignee of and owning all right, title and interest in the application for Letters Patent of the United States which has been made by David Bar-Or and Edward Lau entitled "MARKER USEFUL FOR DETECTION AND MEASUREMENT OF FREE RADICAL DAMAGE AND METHOD," said application having been filed on March 29, 2001, receiving Serial No. 09/820,416, and further identified as Attorney File No. 4172-15-1, I, Peter Crosby, President and CEO of Ischemia Technologies, Inc., hereby appoint David F. Zinger, Registration No. 29,127; Craig C. Groseth, Registration No. 31,713; Sabrina C. Stavish, Registration No. 33,374; Todd P. Blakely, Registration No. 31,328; Lewis D. Hansen, Registration No. 35,536; Joseph E. Kovarik, Registration No. 33,005; Gary J. Connell, Registration No. 32,020; Wannell M. Crook, Registration No. 31,071; Douglas W. Swartz, Registration No. 37,739; Bruce A. Kugler, Registration No. 38,942; Robert R. Brunelli, Registration No. 39,617; Tejpal S. Hansra, Registration No. 38,172; Dana Hartje Cardwell, Registration No. 40,638; Angela K. Dallas, Registration No. 42,460; Benjamin B. Lieb, Registration No. 42,801; Bradley M. Knepper, Registration No. 44,189; Miriam Drickman Trudell, Registration No. 42,499; Dennis J. Dupray, Registration No. 46,299; Todd M. Petersen, Registration No. 45,580; Kenneth C. Winterton, Registration No. 48,040; Robert D. Traver, Registration No. 47,999; Brent P. Johnson, Registration No. 38,031; Mark L. Yaskanin, Registration No. 45,246; and Mollybeth R. Kocialski, Registration No. 42,754 of SHERIDAN ROSS P.C., 1560 Broadway, Suite 1200, Denver, Colorado 80202-5141, telephone number (303) 863-9700, as attorneys and agents, with full powers of substitution, association and revocation, to prosecute the application identified above and related U.S. applications and to transact all business in the United States Patent and Trademark Office connected therewith.

Ischemia Technologies, Inc. certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of two assignments, copies of which are attached. The undersigned has reviewed the assignments of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 24 July 2001

By:   
Peter Crosby  
President and CEO  
Ischemia Technologies, Inc.



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

DECEMBER 30, 1999

SHERIDAN ROSS P.C.  
WANNELL M. CROOK  
1700 LINCOLN STREET  
SUITE 3500  
DENVER, CO 80203

PTAS

RECEIVED

JAN 11 2000

SHERIDAN ROSS PC



\*101166651A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/04/1999

REEL/FRAME: 010289/0575  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
BAR-OR, DAVID

DOC DATE: 09/27/1999

ASSIGNOR:  
LAU, EDWARD

DOC DATE: 09/27/1999

ASSIGNEE:  
DIAGNOSTIC MARKERS, INC.  
3601 S. CLARKSON STREET  
SUITE 420  
ENGLEWOOD, COLORADO 80110

SERIAL NUMBER: 60102962  
PATENT NUMBER:

FILING DATE: 10/02/1998  
ISSUE DATE:

SERIAL NUMBER: 09165961  
PATENT NUMBER:

FILING DATE: 10/02/1998  
ISSUE DATE:

010289/0575 PAGE 2

JOANN STEWART, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



10-12-1999



IN THE UN

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DEMARK OFFICE

In Re the Applications of:

BAR-OR et al. 10-4-99

Serial Nos.: 60/102,962 and 09/165,961

Filed: October 2, 1998

Atty. File No.: 4172-15PROV and 4172-15

For: "MARKER USEFUL FOR  
DETECTION AND MEASUREMENT  
OF FREE RADICAL DAMAGE AND  
METHOD"

RECORDATION OF ASSIGNMENT

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS  
BEING DEPOSITED WITH THE UNITED STATES POSTAL  
SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE  
ADDRESSED TO THE ASSISTANT COMMISSIONER FOR  
PATENTS, WASHINGTON, DC 20231 ON 9/29/99  
SHERIDAN ROSS P.C.

BY:

*John Russell*

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Please record the attached original document or copy thereof:

1. Name of conveying parties:

David Bar-Or  
Edward Lau

2. Name and address of receiving party:

Diagnostic Markers, Inc.  
3601 S. Clarkson St., Suite 420  
Englewood, Colorado 80110

3. Nature of Conveyance:

<input checked="" type="checkbox"/>	Assignment	<input type="checkbox"/>	Merger
<input type="checkbox"/>	Security Agreement	<input type="checkbox"/>	Change of Name
<input type="checkbox"/>	Other: _____		

Execution Date: 9/27/99

4. Application number(s) or patent number(s)

If this document is being filed together with a new application, the execution date of the application is:

10/06/1999 INVENTEN 00000232 60102962

01 FC:581

80.00 OP

A. Patent Application No.(s): 60/102,962; 09/165,961

B. Patent No.(s): None.

5. Name and address of party to whom correspondence concerning documents should be mailed:

Wannell M. Crook  
Sheridan Ross P.C.  
1700 Lincoln Street, Suite 3500  
Denver, Colorado 80203

6. Total number of applications and patents involved: 2.

7. Total fee (37 CFR 3.41).....\$80.00.

☒ Enclosed

☒ Any deficiency in payment of recording fee is authorized to be charged to Deposit Account.

☐ Authorized to be charged to deposit account.

8. Deposit account number: 19-1970.

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Total number of pages including cover sheet, attachments and document: 4

Respectfully submitted,

SHERIDAN ROSS P.C.

By: Wannell M. Crook

Wannell M. Crook  
Registration No. 31,071  
1560 Broadway, Suite 1200  
Denver, CO 80202-5141  
(303) 863-9700

Date: Sept. 29, 1999

## ASSIGNMENT

WHEREAS, we, David Bar-Or of 900 E. Oxford Lane, Englewood, Colorado 80110, and Edward Lau of 4281 Plum Court, Boulder, Colorado 80301, have invented a certain new and useful invention entitled "MARKER USEFUL FOR DETECTION AND MEASUREMENT OF FREE RADICAL DAMAGE AND METHOD", for which a provisional application was filed on October 2, 1998, receiving Serial No. 60/102,962, said application being further identified as Attorney File No. 4172-15PROV, and for which an application for Letters Patent of the United States was filed on October 2, 1998, receiving Serial No. 09/165,961, said application being further identified as Attorney File No. 4172-15;

NOW THEREFORE, be it known that we, the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Diagnostic Markers, Inc., a Colorado corporation having a place of business at 3601 S. Clarkson St., Suite 420, Englewood, Colorado 80110, its successors, legal representatives and assigns, the aforesaid applications for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty, and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; we also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; we warrant that we have made no assignment of the invention, application or patent therefor to a party other than Diagnostic Markers, Inc. and we are under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Diagnostic Markers, Inc., its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: 9-27-99

By: David Bar-Or  
David Bar-Or


Date: 9-27-99


By: Edward Lau  
Edward Lau

STATE OF COLORADO     )  
  ) ss.  
COUNTY OF                     )

Before me, a Notary Public in and for said County and State, personally appeared David Bar-Or, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 27<sup>th</sup> day of September, 1999.

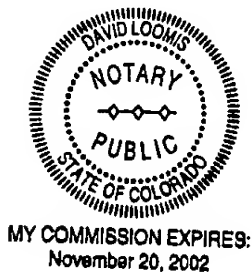
The foregoing instrument was acknowledged  
before me in the County of Argentine,  
State of Colorado, this 27<sup>th</sup>  
day of September, 19 99  
  
Notary Public State of Colorado

  
\_\_\_\_\_  
Notary Public  
My commission expires: November 20, 2002

STATE OF COLORADO     )  
  ) ss.  
COUNTY OF Argentine     )

Before me, a Notary Public in and for said County and State, personally appeared Edward Lau, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 27<sup>th</sup> day of September, 1999.



  
\_\_\_\_\_  
Notary Public  
My commission expires: November 20, 2002





4178-15  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JUNE 12, 2001

SHERIDAN ROSS P.C.  
WANNELL M. CROOK  
1560 BROADWAY, SUITE 1200  
DENVER, CO 80202-5141

PTAS

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JUN 18 2001



\*101659332A\*

SHERIDAN, ROSS

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/26/2001

REEL/FRAME: 011651/0950  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DIAGNOSTIC MARKERS, INC.

DOC DATE: 03/20/2001

ASSIGNEE:

ISCHEMIA TECHNOLOGIES, INC.  
6830 NORTH BROADWAY  
DENVER, COLORADO 80221

SERIAL NUMBER: 09165961  
PATENT NUMBER:

FILING DATE: 10/02/1998  
ISSUE DATE:

JEFFREY OLSEN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



04-11-2001



101659332

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

BAR-OR et al.

Serial No.: 09/165,961

Filed: October 2, 1998

Atty. File No.: 4172-15

For: "MARKER USEFUL FOR  
DETECTION AND MEASUREMENT  
OF FREE RADICAL DAMAGE AND  
METHOD"

Group Art Unit: 1645

Examiner: Baskar, P.

RECORDATION OF ASSIGNMENT

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS  
BEING DEPOSITED WITH THE UNITED STATES POSTAL  
SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE  
ADDRESSED TO THE ASSISTANT COMMISSIONER FOR  
PATENTS, WASHINGTON, DC 20231 ON 3/22/01  
SHERIDAN ROSS, P.C.

BY:

BOX ASSIGNMENTS  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Please record the attached original documents or copy thereof:

1. Name of conveying party(ies):

Diagnostic Markers, Inc.

2. Name and address of receiving party(ies):

Ischemia Technologies, Inc.  
6830 North Broadway  
Denver, Colorado 80221

3. Nature of Conveyance:

<input checked="" type="checkbox"/>	Assignment	<input type="checkbox"/>	Merger
<input type="checkbox"/>	Security Agreement	<input type="checkbox"/>	Change of Name
<input type="checkbox"/>	Other: _____		

Execution Date: 3/20/01

4. Application number(s) or patent number(s)

If this document is being filed together with a new application, the execution date of the application is:

40E

A. Patent Application No.(s): 09/165,961

B. Patent No.(s): None.

5. Name and address of party to whom correspondence concerning documents should be mailed:

Wannell M. Crook  
Sheridan Ross P.C.  
1560 Broadway, Suite 1200  
Denver, Colorado 80202-5141

6. Total number of applications and patents involved: 1.

7. Total fee (37 CFR 3.41).....\$40.00.

☒ Enclosed

☒ Any deficiency in payment of recording fee is authorized to be charged to Deposit Account.

☐ Authorized to be charged to deposit account.

8. Deposit account number: 19-1970.

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Total number of pages including cover sheet, attachments and document: 4

Respectfully submitted,

SHERIDAN ROSS P.C.

By: Wannell M. Crook

Wannell M. Crook  
Registration No. 31,071  
1560 Broadway, Suite 1200  
Denver, CO 80202-5141  
(303) 863-9700

Date: March 22, 2001

EXHIBIT A

ASSIGNMENT

WHEREAS, Diagnostic Markers, Inc., a Colorado corporation having a place of business at 3601 S. Clarkson St., Suite 420, Englewood, Colorado 80110 (hereinafter "Assignor"), is the owner of the entire right, title and interest, in and to, U.S. Patent Application Number 09/165,961, as a result of assignment from the inventors (the Assignment having been executed on September 27, 1999, and recorded on October 4, 1999, at the U.S. patent and Trademark Office, on Reel 010289, Frame 0575);

NOW THEREFORE, be it known that Assignor, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, do sell, assign and transfer unto Ischemia Technologies, Inc., a Delaware corporation, having a place of business at 6830 North Broadway, Denver, Colorado 80221 (hereinafter "Assignee"), its successors, legal representatives and assigns, the aforesaid application for the territory of the United States, all continuation, divisional, continuation-in-part, reexamination, and reissue applications for the territory of the United States claiming benefit of the aforesaid application, and all U.S. patents issuing from any such applications.

The commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Ischemia Technologies, Inc., its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, Assignor has executed this Assignment as of the date indicated hereunder.

Date:

By: 

Gary Held  
Chief Operating Officer  
Diagnostic Markers, Inc.

STATE OF COLORADO     )  
                                  ) ss.  
COUNTY OF Denver     )

Before me, a Notary Public in and for said County and State, personally appeared Gary Held, known to me to be the person whose name is subscribed to the foregoing

ASSIGNMENT

instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 20<sup>th</sup> day of March, 2001.

Loe R. Ardellaw  
Notary Public

My commission expires: 2/5/02